

FLEXOMATION

FLEXIBILITY IS OUR BUSINESS

FXM SERIES

FLEXIBLE PARTS FEEDING



FXM-240
with optional CPF
Conveyor PreFeeder

Features

- ✓ Universal control interface using digital I/O
- ✓ Pneumatically Driven
- ✓ Integrated backlight option
- ✓ Multiple feed surface options
- ✓ Utilities: 24 VDC (2.0A), 85 psi clean, dry, unlubricated air [4.0A with optional Conveyor PreFeeder]

The FXM series is part of a flexible feeding system designed to handle a large range of part sizes. The FXM series feeders provide the ability to feed parts forward/backwards and also provides the ability to change the orientation of the part with a flip feature. This enables parts feeding for a wide variety of parts not previously conducive to automated feeding.

The embedded controls system provides ease-of-use in deploying the feeder with any robot control system. A universal digital I/O interface makes this feeder versatile and yet simple to implement.

The FXM series feeders are available in the following standard sizes:

- FXM-100 [FOV size 100 mm x 133 mm]
- FXM-120 [FOV size 120 mm x 160 mm]
- FXM-180 [FOV size 180 mm x 240 mm]
- FXM-240 [FOV size 240 mm x 320 mm]
- FXM-300 [FOV size 300 mm x 400 mm]

(Backlight FOV sized for aspect ratio of 640 x 480 camera)

Benefits

- ✓ Compatible with all industrial robot systems
- ✓ No need for external control peripherals
- ✓ Works well with rolling (cylindrical) parts
- ✓ Fast product change over
- ✓ Multiple feeders can present multiple parts for complex assembly applications.
- ✓ Feeds a wide variety of parts with no fixturing